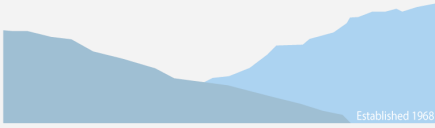


Cracklin' Static

June 2023 Edition



SIERRA NEVADA Amateur Radio Society

**In-person and virtual
meeting at Jack's Café
#2, June 3, starting at
7 AM. For details see
pg 5 ...**

SNARS NET on DMR – Tuesdays 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury Closing Balances As of 5-27-23

Operating	\$8,196
Convention	\$4,151
Self Insurance	\$17,001
Savings	\$13,001
PayPal	\$404
Total	\$42,752

Net Income / Year	\$3,624
Net Income / Month	\$2,458
Includes ham swap, raffle and shirt sale revenue	

Memberships 18

Donations	
Amazon Smile	\$45
PayPal Giving	\$17
Members	\$835
Total	\$897

Notes: 1. Transferred \$2,000 from PayPal to Operating
2. Deposited \$1,357 to checking for Ham Swap and other cash items
3. Deposited \$519 to checking for picnic raffle, shirt sales and to reduce cash on hand

SNARS Membership as of 5-27-23

Extra	136	34%
Technician	123	31%
General	115	29%
Advanced	15	4%
No License	7	2%
Total	396	

SNARS ARRL Members as of 5-27-23

Regular	260	66%
Life	34	9%

PRESIDENT'S VOICE

SNARS PRESIDENT BARRY BETTMAN, K6ST

The club is having many wonderful events ... in the month of May we had 3 events: "Show n Shine / 7QP", "Reno Swap Meet" and the "SNARS Member Appreciation Picnic". Thanks to all for your excellent participation.

The month of June has 3 more events: Saturday, June 3rd SNARS Monthly HYBRID meeting for an in-person 7AM PT breakfast, 8AM PT business meeting, and Field Day presentation in-person and on Zoom.

We have limited seating for breakfast at Jack's #2 Coffee Shop. You must pre-register for both in-person and Zoom. In-Person Breakfast and Hybrid Zoom registration:

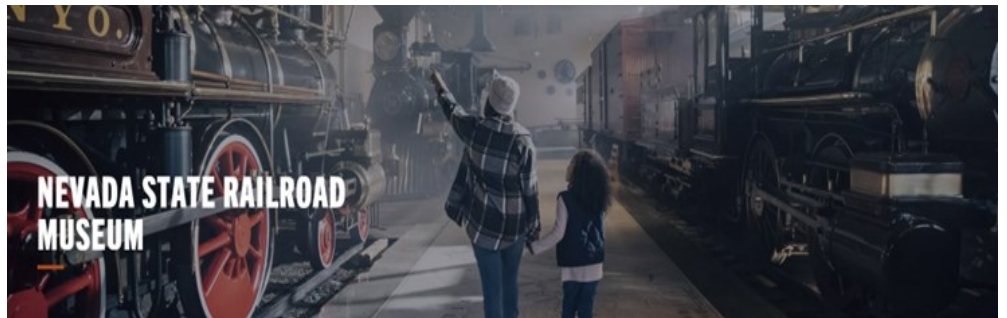
<https://snars.org/monthly-meeting/>



SNARS In-Person/Zoom Meeting
Jack's Coffee Shop #2
Saturday, June 3rd
REGISTER NOW!
Click for more info

* * * * *

On Saturday, June 17th 9AM - 4PM we are planning to have ARRL KIDS DAY at the Nevada State Railroad Museum. This should be a really great event for all kids and hams to help them out too. Please register to be part of the Kids Day fun.



REGISTER: https://docs.google.com/forms/d/e/1FAIpQLSd9P_Ugzvtlklh46XdYwSN_cJiMOZoO7QG5MBtfA5wmcdMmbw/viewform

* * * * *



More Info for SNARS Fields Day

<https://snars.org/activities/field-day/>

and register so know how much food to have for everyone and how to best serve our ham radio community for Field Day activities.

73 my friends, and ...

See you on the air, K6ST Barry k6st@arri.net



PO BOX 7727 Reno NV 89510

Yearly Dues: \$40.00 Individual • \$50.00 Family

2023 Officers

President..... Barry Bettman, K6ST
Vice-President..... Brian Verhalen, KJ6EAC
Treasurer..... Doug Edmondo, W7DBE
Secretary..... Anthony Marcin, W7XM
Director John Byerly, N7ROJ
Director Jim Shepherd, W6US
Director Krystal Nelson, AJ6GC

2022 Staff

Cracklin Static	Howie Holden, WB2AWQ
W7TA Trustee	Peter DeBay, KE7VSR
KR7ENO Trustee	Howie Holden, WB2AWQ
Control Operator	Pat Sheehan, W7DED
Youth Involvement	Barry Bettman K6ST
NVQSO Coordinator	Jim Shepherd, W6US
Historian	Jon Fox, KF7KTC
Tech Team Lead	Pat Sheehan, W7DED
Membership	Kim Farnham, KG7TMA
PIO	Greg Krantz, NT7Q
VE Coordinator	Krystal Nelson, AJ6GC
Meeting Greeter	Bill Jones, AE7OX
Noon Net Manager	Wes Vick, KG7QXE
DMR Net Manager	Anthony Marcin, W7XM
Reno Ham Swap	Wes Vick, KG7QXE
Webmaster	Erik Andreasen, K6CZH
Club Sales Manager	Vacant
Recording Secretary	Doug Edmondo, W7DBE

Cracklin Static Publication

Editor: Howie Holden WB2AWQ - holden7471@msn.com
Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Cracklin' Static is published the week before meetings. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday (or whichever Saturday is the meeting) of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Not Linked
444.875 + PL 100.0	Yerington	Not Linked
444.125 + PL 123.0	Reno Sparks	Offline

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Downtown Reno	Online
441.950 + CC 1	Fallon, Fernley	Online

Fusion Systems

146.610—DGID 28	Reno, Carson, Dayton	Online
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IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Not Linked
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Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Offline

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online



Online



Offline



Not Linked

The repeaters on Virginia Peak have been replaced with new ones, and they sound great!

Visit <https://snars.org/repeaters/analog> for additional updates/status on repeaters.



Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
147.150 + PL123.0 – Lake Tahoe / Truckee
147.210 + PL 100.0 - Reno
444.875 + PL 100.0 - Yerington
146.925 - 123.0 – Lovelock / Fallon
146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

SNARS Noon Net	Mon—Fri @ 12:00pm
ERC Net for NV and Northern CA	Monday @ 9:15pm
N. Western NV ARES Net	Thursday @ 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Weak Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

Join us on SNARS Telegram Channel



Telegram

a new era of messaging

Visit <https://snars.org/telegram>

Our official channel for members to communicate with each other via chat, ask questions and get the latest information about the club, repeater status and amateur



SNARS Weekly DMR Net

Tuesdays 8:00PM

SNARS Talk Group 31328

SNARS CALENDAR

SNARS Board Meeting Wednesday, June 14, 6:00PM. Location and mode Chin Chin, Sparks, and Zoom

HamCram and Exam June 17. HamCram at 8 AM sharp, exam at 1 PM. REOC Training Center 5190 Spectrum Blvd, Reno NV. See: www.snars.org/oneday. Registration required!

HAM RADIO MENTORING NIGHT on Zoom 7:00 PM Monday, June 19, see <https://snars.org/hamradionight/>

Reno QRP Group Meeting Tuesday, June 20, 11am – 12pm, Jack's Coffee Shop #2, 605 N Wells Ave, Reno, NV. Contact Ed, WD7Y WD7Y@sbcglobal.net for more info. If cancellation is needed, will be announced on the SNARS noon net.

Next months SNARS Breakfast Meeting, July 1, 8 AM. Location and media mode tentative, depending on Board decision.

WELCOME NEW MEMBERS

As of 5-27-23

David	Wager	K7DWW
Deanna	Robinson	SWL
Kim	Robinson	KM7OH
Paul	Cavnar	K7IN

Member Benefit: SNARS ONLINE HAM SWAP

<https://snars.org/hamswap>

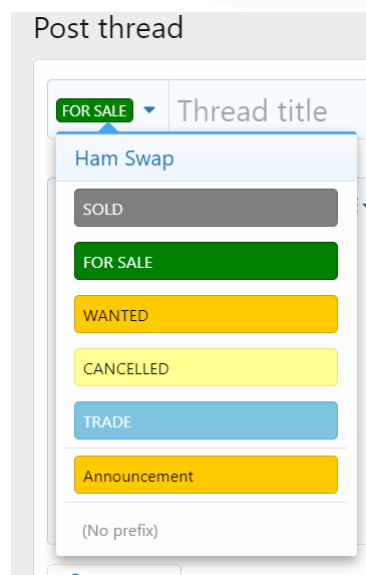
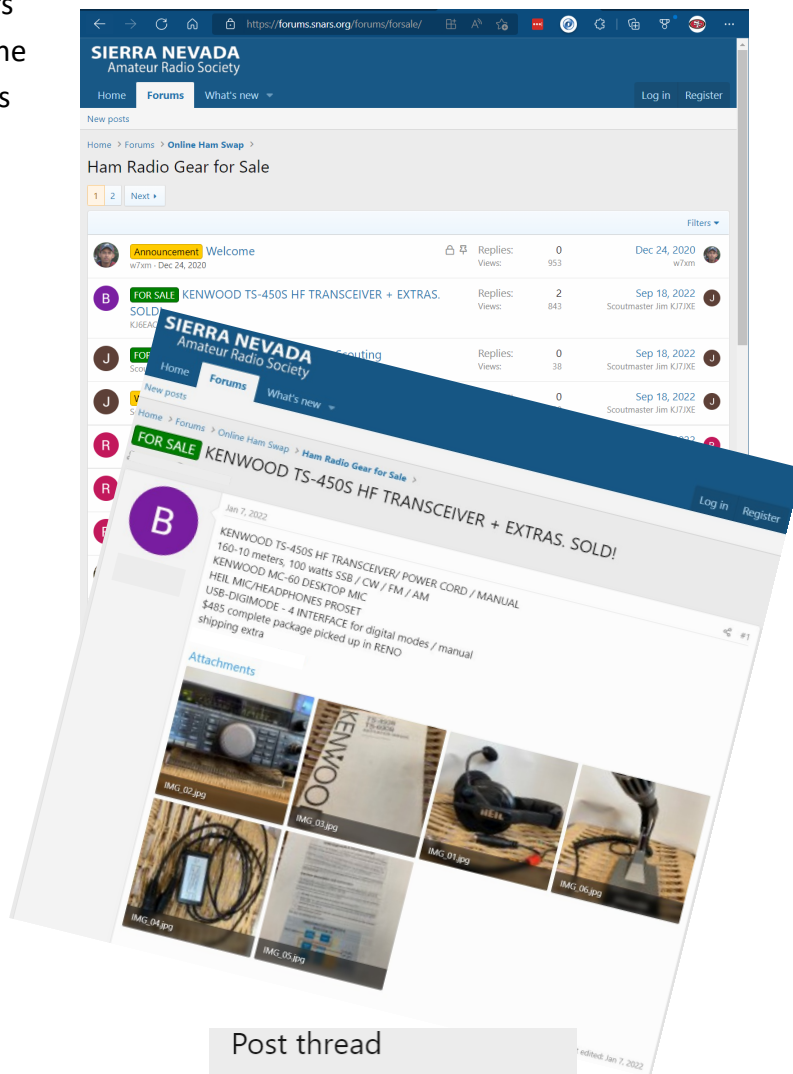
A SNARS members only benefit: We offer members a way to swap gear online and locally throughout the year. The online Ham Swap page provides members an option to list your gear, photos and descriptions for anyone to view.

You can find the swap page by either visiting <https://snars.org/hamswap> or locate the link at the top menu of the SNARS website labeled “Ham Swap”.

General Steps to posting a listing:

- 1.) Using your SNARS account (your_call@snars.org) click the Log in button at the top right. If you don't have a SNARS Account please request one to be setup by sending an email to membershipteam@snars.org.
- 2.) Click the “Post thread” button at top right.
- 3.) Select the post type “For Sale, Wanted, etc.” by clicking the down arrow button left of the title box.
- 4.) Type in a title for your items.
- 5.) Type in the message of any description of the items, condition of items and the best way to contact you. You may also post images of the items (recommended).
- 6.) Once you have completed the post click on “Post thread”.
- 7.) Your posting will now appear for all to view.

Note: you may visit the post anytime to update items and or change the status from for sale to sold by clicking the edit thread button under the three dots button and click edit thread, then click on the down arrow to choose the thread type to Sold or any other status.



If you have any questions about this member benefit please contact us at membershipteam@snars.org

SNARS In-Person and Virtual Monthly Meeting

SNARS Monthly Meeting

(hybrid in-person & virtual Zoom)

**Saturday, June 3, 2023 at Jack's Café #2,
605 N. Wells Ave, Reno NV. Breakfast**

**In-Person 7 AM, SNARS Meeting at 8 AM both Zoom and
in-person**

**DISCUSSION:
FIELD DAY!**



**MEETING
NOTICE!**

To join in person or via Zoom, register here, or on the banner below:

<https://snars.org/monthly-meeting/>

SNARS In-Person/Zoom Meeting
Jack's Coffee Shop #2
Saturday, June 3rd
REGISTER NOW!
Click for more info



Questions? Contact Barry K6ST@arrl.net

More Info/Register In-Person or Zoom: <https://snars.org/monthly-meeting/>

THE NAME OF THE GAME

Jim Shepherd W6US

COMPUTERS AND RADIOS

It is now 2023, and a major accessory that belongs in every ham-shack is a computer. Uses range from getting propagation information and the locations of DX operations, to using digital modes and radio control. Without computers and internet connections, DMR, WinLink, IRLP, Echolink, and remote operations of radios would not be possible.

Virtually all radios now have connections for computers. These allow programming of various features, and quickly adding frequency memory lists to allow easy access to repeaters or nets at a touch or two of inputs on the front of the radio. The computers can actually control the radio, selecting and changing frequencies, modes, antennas and their headings, and other settings. Through connections with a sound card, they enable the use of most of the digital modes including RTTY and CW. They can 'read' the radio and send the frequencies and decoded content to logging programs as well as reporting this information to spotting networks and logs.

The type of computer is important. It must have the capability to have either RS-232 or USB connections to the radio. There are currently a few radios that will connect with Bluetooth, and some radios have WiFi capabilities, but virtually all radios made this century will use the serial connections.

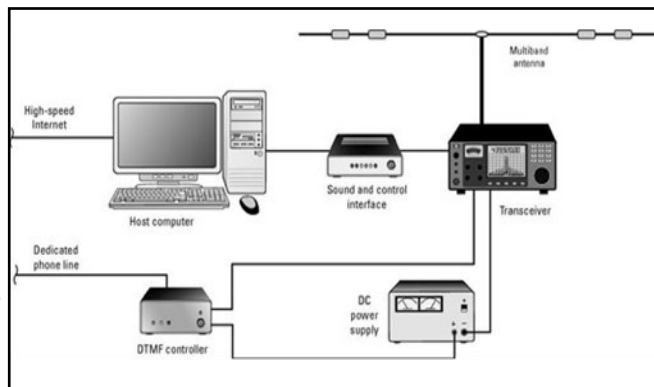
Software is important, and the Operating Systems (OS) have a great limitation on which software can be used. Linux is somewhat popular with experimenters, and most software will need to be adapted and recompiled to the version of Linux being used. Very little software is available for Macs as the Macs were designed for graphics and word processing instead of being used for more control operations and equipment connections. The vast majority of software for ham radio is for the Windows platforms and that makes them the best systems to use.

Like other equipment in your shack, computers are subject to RF interference. Proper use of common mode chokes and ferrite beads on all cables will make a difference. Computer systems may also be contributing to the noise heard on the bands and those ferrites will help suppress that noise.

Logging contacts is one of the prime uses of the computers. Connected to the radios, the frequency is automatically attached to the record along with the mode of operation. With some modes, the callsign is also correctly copied. The software can be config-

ured to have the correct UTC time and date added to the contact information—remember that UTC is the official time for logging contacts. If you see the sunset out of your shack's windows, it is tomorrow's UTC date.

Logging programs have lots of bells and whistles—the better ones can automatically upload your logs to ARRL's free Logbook of the World (LoTW) so you can get confirmations and record keeping for awards like DXCC and WAS. Virtually all will generate an ADIF log which can be shared with other programs and LoTW. Some will have the capability to generate Cabrillo logs formatted for the hundreds of different contests that occur during the year. Most contest sponsors are now only allowing the Cabrillo logs—no more paper entries.



Keeping the software and operating system updated on your computer is very important. Yes, it may change some 'defaults' like sound card usage, but it also protects your data and may add features. Logging software, especially for participation in contests, regularly changes as the rules change, and the files that handle callsign exceptions like WH6xxx is now a vanity call in New York and no longer in Hawaii... For example,

N1MM+ logging software sends out updates every week on Tuesday to handle changes and potential bugs. Operating system updates keep your computer safe from viruses, malware, and hackers as well as catching bugs.

Besides functioning with your radios, the computer can let you check on propagation conditions, where and when DX stations may be operating, look up callsigns like T30UN that you have no idea where in the world they are located, or even the contact information for someone on the Noon Net who is selling something you want.

It can help you design a new antenna system using programs like EZNEC, help you with studying for upgrading your license, or, by going to the SNARS website, find out about activities and ham radio information for the local area. There is a world of information out there on the use of all facets of ham radio that can help you with problems or to learn about new things.

A dedicated computer in your shack will increase your capabilities, integrate one into your system!

SNARS VOLUNTEERING

Fantastic Volunteering with SNARS club members in the month of May for the "Show n Shine / 7QP event", "Reno Ham Swap," and "SNARS Member Appreciation Picnic". Appreciation to any volunteers: **Doug W7DBE**, **Brian KJ6EAC**, **Kirk KB7QOD**, **Barry K6ST Eugene KB7JZO**, **Wes KG7QXE**, **Gary W7BRY** and many many more. This type of teamwork from SNARS members is what make the Sierra Nevada Amateur Radio such a great club.

We are looking forward to more SNARS Volunteers to help out for events: ARRL Kids Day on June 17th and Field Day weekend June 23rd -25th.

Please feel free to reach out to me to see how you might be of service to the club. With great appreciation, K6ST Barry SNARS President k6st@arri.net

73, Barry K6ST
President, Sierra Nevada Amateur Radio Society www.snars.org
Nevada Section Youth Coordinator
ARRL (American Radio Relay League) www.arri.org
The national association for amateur radio



SHORT TAKES (By Jim Shepherd W6US)

CONTEST CALENDAR

The ARRL VHF Contest will be June 10-11 and there is a FM Class for those who only have that mode... Take your HandiTalkie up to a mountaintop or high pass and work lots of other hams on simplex frequencies—no repeaters or internet allowed. The big event is Field Day, and EVERYBODY in the club needs to go down to Washoe Lake State Park and participate. These and other contest information can be found at:

<https://www.contestcalendar.com/contestcal.html>

DX

One of the better operations will be from Central Kiribati, T31TT on

most HF frequencies and modes. With 10m open, you can hear lots of other DX stations, especially South America where it should be easy to work every country on that continent. More information can be found at <https://www.ng3k.com/Misc/adxo.html>

THIRD MONDAY ZOOM HAM RADIO NIGHT

We will have our popular Ham Radio Nights via ZOOM to get your questions answered. It will be held at 7pm on Monday, June 19th. Some of the items discussed will be Field Day operations. More information, including the link will be published before that date.

NAME THAT RIG?

(Answer on page 15)



W7RN ROTATORS AND CONTROLLERS FOR SALE

ROTATORS – FOR SALE – ROTATORS AND CONTROLLERS

Four Hy-Gain 300 controllers
Four M2 2800 controllers
Two Hy-Gain 300 Rotators
One Yaesu AZ/EL Rotator
One Create RC5 Control Box
One CDE Meter Control Box
Donated to our Radio Club. Presented as working when taken out of service.
Untested and no warranty expressed or implied.
\$1,500 takes the lot + \$150 packing and shipping or pickup in Reno NV area.
Lot sale only. No cherry-picking.
Comstock Memorial Station W7RN

Listing #1639131 by K5RC
Submitted 5/18/23
Website <http://w7rn.com>
A 501C3 Not for Profit Corporation!



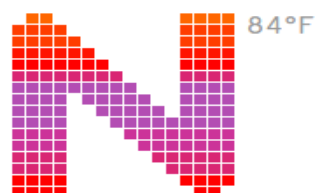
MORSE CODE AND HOW IT HELPED WIN WWII

How CW helped win WW2 for the Allied Forces

I am doing a presentation at The Nevada Museum of Art on June 23, from noon to 12:45 PM in the third floor auditorium. See <https://www.nevadaart.org/event/art-bite-morse-code-and-how-it-helped-win-wwii/>.

Join us for an exploration of the history and technology of Morse code with radio technology enthusiast and US Army Veteran Woody Brown, and learn how Morse code came to be used and helped the Allied Forces win the Second World War.

Woody Brown, K1LB, Telegrapher



NEVADA MUSEUM OF ART

W7SSB's FUN (NOT ALWAYS!) PAGE

We lost a friend

Amateur Radio has lost one of the great icons of our hobby! On May 25th we lost Chip Margelli, K6JA. Chip and his wife Janet KL7MF have been friends of mine for years! He will be missed by many in and out of our hobby!

K7JA

Bio information, FYI.

Chip Margelli, K7JA



Contesting:

- . Silver Medal Winner, Inaugural WRTC: Seattle 1990.
- . Twelve-time Winner, ARRL SS (Twice LP, ten times HP).
- . Current Low-power Record Holder, CW SS (NP4A, 1993, w/Isoloop + Wires).
- . National Winner, ARRL DX Contest Phone & CW (Only postwar CW winner from West Coast--I think).
- . World #1 CQWW CW (NP4A - 2 Point country) 1976; #2 World 1986 (NP4A).
- . World #1, CQ WPX CW 1979 (KG6SW).
- . World #2, CQWW SSB 1977 (KG6SW); set QSO record at the time.
- . Five-time North American winner, All Asian DX Contest (W7RM); World winner in AA CW, 1976 (KG6SW).
- . USA Winner, CQWW & ARRL Phone, 10M LP (home city lot).
- . Team Leader of numerous #1-in-Class Field Day operations (most recently: 2000 N6ME 7A).
- . Many years of experience as band captain at W7RM and other M/M operations involving two operators at station.
- . Experienced in use of CT and NA (both CW and SSB); familiar with TRLog.
- . Pioneer in the use of Japanese language in Phone contesting.
- . Top QSO Rates: 360 SSB, 210 CW in DX Contests, 180 SSB, 108 CW in SS.

International Goodwill:

- . Invited by Chinese Radio Sport Association to visit China (BY1PK) for training of Chinese operators in 1984.
- . Selected as only U.S. participant in first joint Finnish-Soviet-American DX-pedition to Malyj-Vysotskij Island (4J1FS), 1989.
- . Selected as one of U.S. operator-instructors for Albania Project (ZA1A), 1991. Granted honorary ZA1JA callsign at completion of project. Completed approximately 16,000 QSOs during the ZA1A operation.
- . Traveled to Cuba, 1994, on commission from QCWA Journal and at invitation of Federacion de Radioaficionados de Cuba, to participate in and report on activities of COØFRC in ARRL June VHF QSO Party.
- . Cruise Director for DX-Caribe Cruises, sponsored by Yaesu: 1993 and 1995.
- . DX/International Affairs Editor, (eight years), QCWA Journal.
- . Other DX operations (besides those mentioned above): JA, VP2A, VP2D, KV4, 8P9, FM, J3, J6, OH, P4, PJ, PJ(B).

Technical, Inventiveness, etc.:

- . Manager of Engineering/R&D at major Amateur Radio manufacturer (Yaesu), therefore highly capable at troubleshooting and fault resolution in communications systems. Expert in receiver design issues, especially strong-signal performance and co-location RFI problems.
- . Member of ARRL Industry Advisory Committee on Technical Standards.
- . Accomplished "Satellite QSO" 100-point bonus in 2000 Field Day by completing EME QSO with W5UN (well, it IS a satellite!).
- . Highly experienced antenna designer; expert on antenna design (beamwidth, pattern integrity, take-off angles) for specific propagation path objectives.
- . Author of numerous technical and general-interest articles published in QST, CQ, and CQ VHF. Awarded "Cover Plaque Award" by QST for article

"Bidirectional Antennas for Field day" appearing in June, 1998 QST.

Misc.:

- . Life Member: Western Washington DX Club, ARRL, AMSAT, QCWA.
- . Extra Class Licensee since 1968; licensed Amateur since 1963.

Stew Perry, W1BB - The Oldest Amateur Radio Band !

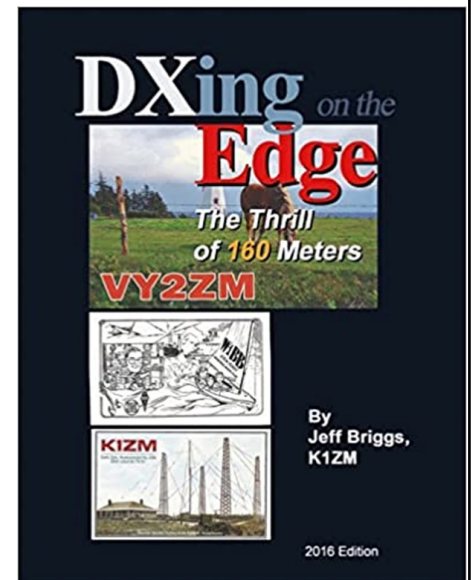
Stew Perry, W1BB, devoted much of his life to demonstrating what was possible on the 160M band and received 160M DXCC #1 on November 1, 1976. Through his W1BB 160M Bulletins, which he circulated to others for free, he encouraged interest in the band for almost 60 years.

His role in the early transatlantic tests conducted in the 1930's inspired many amateurs on each side of the Atlantic to become involved with Topband. Perhaps his most important contributions, though, were his efforts aimed at returning the band to Amateur use after WWII. At the time of his death in 1990, Stew had about 156 post-war DXCC entities confirmed on Topband.



The community of 160M amateurs who today enjoy this difficult band owe a huge debt of gratitude to this humble, unassuming man who once named 160M the "Gentleman's Band". It is altogether fitting and proper that we stop and pay homage to the "grand old man of 160M" in these pages. Thanks Stew for showing us the way! **Jeffrey Briggs, K1ZM**

There is a great book written by Jeff Briggs, K1ZM. It is a must read for 160 operation.



https://www.lral.lv/propagation/160-Meter_Enigma.pdf Learn about very interesting propagation of 160 !

https://www.kkn.net/stew/stew_history.html Great history of W1BB.

<http://ac6v.com/stores.htm> Here is a great site for amateur information .

Stay Tuned !

Don Sherman

W7SSB

(775) 742-5165 donssherman@gmail.com

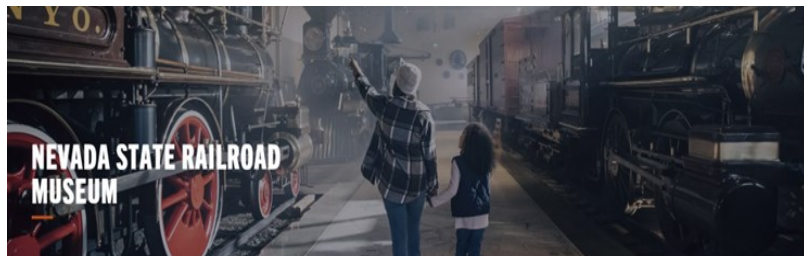


YOUTH INVOLVEMENT

ARRL KIDS DAY

Saturday, June 17th 2023 9AM - 4PM PT

SNARS is planning to have ARRL Kids Day at the Nevada State Railroad Museum. This is a unique event to help kids have a ham radio experience.



Register

https://docs.google.com/forms/d/e/1FAIpQLSd9P_UgzvtIklh46XdYwSN_cJmOZoO7QG5MBtfA5wmcdMmbw/viewform

73, Barry K6ST

Nevada Section Youth Coordinator

ARRL (American Radio Relay League) www.arrl.org

The national association for amateur radio

Editor's note: For more info on Kids Day, see:
www.arrl.org/kids-day

FIELD DAY 2023 @ WASHOE LAKE STATE PARK JUNE 23, 24 & 25



Planned Activities

Day	Time	Activity
Fri, June 23	12:00 PM	Setup
Fri, June 23	6:00 PM	Informal Get Together/Dinner
Sat, June 24	11:00 AM	Radio Operations Begin
Sat, June 24	12:00 PM	SNARS Saturday Lunch
Sat, June 24	1:00 PM - 4:00 PM	New Hams Orientation
Sat, June 24	6:00 PM	Dinner
Sun, June 25	11:00 AM	Radio Operations End
Sun, June 25	11:00 AM - 2:00 PM	Tear Down and Lunch

ARRL Field Day Information

ARRL Field Day 2023 Gear

What is Field Day—PDF

SNARS Field Day Flyer—PDF

WHAT IS FIELD DAY?

On the 4th weekend of June each year, Amateur Operators get on the air and show off their operating skills, equipment setup, practice of emergency response capabilities and of course to display to the public what amateur radio can do. The public is invited to attend along with our fellow SNARS members.

[Sign Up to Attend/Participate in Field Day](#)

Talk-In Frequency

147.150+ PL 123.0 / 147.210+ PL 100.0 - SNARS Linked System

Washoe Lake State Park

- 4855 Eastlake Blvd, Carson City, NV 89704
- Entrance Fees: \$5.00 per Car (\$10.00 for Non-NV Vehicles)
- Camping Fees: \$15.00 per vehicle per night (\$25.00 Non-NV Vehicles per night)
- Bike in: \$2.00 per bike

Contact Us

Phone: 775.453.4142

Email: snars@snars.org

More Info for SNARS Fields Day

<https://snars.org/activities/field-day/>

ARES NEWS

EVENT CALENDAR

EVENTS 2023	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
Lost and Found Gravel Grinder SBTS	6/3/23			Larry Trotter KI6YUK	dltrotter@sbcglobal.net
America's Most Beautiful Bike Ride	6/4/23		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Pony Express Re-Ride	6/7/2023	6/17/23	SIERA	Gerry Miller KJ7GEZ	hamspud35@gmail.com
TAHOE 200	6/16/23	6/20/23	Destination Trail Run	Todd Voigts KJ6DGG	ki6dgg@gmail.com
One Day Ham Cram Test Review	6/17/23		Washoe ARES	Bob Miller WA6MTY	wa6mtty@gbis.com
Alta Alpina Challenge	6/24/23		Alta Alpina Cycling Club	Jennie Hamiter, KE7YBA	jen-niehamiter@mac.com
Truckee Tahoe Gravel Race	7/1/23		John Prouty; Bike Monkey	Bob Miller WA6MTY	wa6mtty@gbis.com
Tahoe Rim Trail	7/15/23	7/16/23	Tahoe Mountain Milers	Bob Miller WA6MTY	wa6mtty@gbis.com
Death Ride	7/15/23		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Vegas to Reno Off Road Race	8/16/23	8/20/23	Best in the Desert Racing Assn	Keith KC7HTK	kc7ht-keith@hotmail.com
One Day Ham Cram Test Review	8/19/23		Washoe ARES	Bob Miller WA6MTY	wa6mtty@gbis.com
Tour De Tahoe	9/10/23		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Reno Air-Races	9/10/23	9/17/23	WC-ARES	Bob Miller WA6MTY	wa6mtty@gbis.com
Reno Jeep Festivle	10/14/23		NV 4WD Assoc, Charles Doyle	Bob Miller WA6MTY	775 433-3864
Nevada Day Parade	10/28/23		NV AREA NW DEC	Tom Tobacco KE7NCJ	smokey5880@gmail.com
One Day Ham Cram Test Review	10/9/23		Washoe ARES	Bob Miller WA6MTY	wa6mtty@gbis.com
Scheels Turkey Trot	11/23/23		WC-ARES	Bob Miller WA6MTY	wa6mtty@gbis.com

Washoe ARES Event Support

GENERAL TEST

REMINDER: July 1 is when the new General Test is released and if you have not passed the General Test by then, you will need to buy a new book.

I can help you pass the test. June 17th is my next One Day Ham Cram where I review every test question, focusing only on the correct answer. You highlight the correct answer, that way you can go back and review the answers.

This method involves more of your human senses. Not only do you see (read), hear, and review the highlighted answer. Usually causes a 95% to 100% success rate.

So come on and let me help you pass the test. Go to www.snars.org/oneday and register for the review, all the details are there.

See you on the 17th of June.

NOTE: The two Trailblazer Challenges on June 10 and June 24 have been cancelled.

ARES NEWS continued next page....

ARES NEWS (continued from previous page.....)

JULY 1 is the Truckee-Tahoe Gravel Race Truckee Dirt Edition (truckee gravel.com)

THREE COURSES

Ride for FREE in our entry-level "roll-out" course 19 mi.

The Medium distance route 54 mi course.

The Long, and hardest route 75.5 mi.

We need help with Aid Stations at Stampede, Sardine Pk, Boca Dam.

Mostly we need mobile Support And Gear (SAG) WAGONS.

SAGs should have room for perhaps an accompanying EMT or in the case of a non-ham driver, a radio operator in addition to room for two or more cyclists. They should be equipped with a means for carrying two or more gravel or mountain bikes, either hitch rack or roof rack is advised.

SAGs will flow with riders; in some cases they may need to go against the flow to address issues upstream. Most will probably be on course for most of the ride.

TAHOE 200 2023 COMMUNICATIONS HELP

Destination Trail Run (Tahoe 200 — Destination Trail (destinationtrailrun.com) June 16-20, 2023 is looking for help with communications for their runners to be located at all the aid station on the course for the safety of the running and the Operators. Download the Runners Manual for details about the run.

Now you don't have to help all 5 days. Pick a day and Aid Station you would like to help, contact Todd.

If you can help out Contact:

Todd H Voigts KJ6DGG

951-757-3501

kj6dgg@gmail.com

Bob WA6MTY

Wa6mty@gbis.com

775 843-5952

SNARS HAM RADIO MENTORING NIGHT

3rd Monday of each month at 7PM PT on Zoom
Join together and Elmer each other for Ham Radio Night on



Ham Radio Mentoring Night

Monday June 19, 7PM PDT
Breakout Rooms:
Field Day, VHF/UHF Analog, DMR/Fusion, Data Modes

Register here:

<https://us06web.zoom.us/meeting/register/tZModuuhjrjsiGtTOWby2-xoHFw4mgw1DavoV>

FUN STUFF FOR JUNE

June doesn't have a lot of major contests, but it has some BIG ones! ARRL Digi, ARRL June VHF, ARRL Kids Day, and of course Field Day! Be there! (As long as you participate....)

3 June 1300 to 4 June 0100 1.8-28, 50,144 Kentucky QSO Party CW,Ph,Dig www.kyqsoparty.org/rules

3 June 1800 to 4 June 2359 1.8-28,50 ARRL Int'l Digital Contest Dig (no RTTY) www.contests.arrl.org/dig

10 June 1200 to 11 June 2359 1.8-28,50 SKCC Weekend Sprintathon CW www.skccgroup.com

10 June 1800 to 12 June 0259 50 and up ARRL June VHF Contest CW,Ph,Dig www.arrl.org/june-vhf

17 June 1500 to 18 June 1500 1.8 Stew Perry Topband Challenge CW www.smirk.info/contest.html

17 June 1600 to 18 June 0400 3.5-28 West Virginia QSO Party CW,Ph,Dig www.qsl.net/wvsarc

17 June 1800 to 17 June 2359 3.5-14,18, 21,24,28, 2 rpters ARRL Kids Day Ph www.arrl.org/kids-day

24 June 1800 to 25 June 2100 All, no WARC ARRL Field Day CW,Ph,Dig www.arrl.org/field-day

Check out the rest of the contests here:

<http://www.arrl.org/files/file/Contest%20Corral/2023/June%202023%20Corral.pdf>

If you're not into contests, there's always DX to chase! June doesn't have a whole lot, but there's some great stuff here! Some of the better ones....

May 23 to Jun 14	Rwanda	9X2AW
May 30 to Jun 13	Cape Verde Is	D4CW
Jun 01 to Jun 12	Central Kiribati	T31TT
Jun 06 to Jun 18	Lakshadweep Is	VU7W
Jun 10 to Jun 24	Ducie I	VP6A
Jun 21 to Jul 03	Malawi	7Q7WW
Jun 25 to Jul 05	Faroe Is	OY
Jun 27 to Jul 11	St Pierre & Miquelon	FP

You might check with <https://www.ng3k.com/Misc/adxo.html> to see if these DXpeditions are still on, and to see other ones that would be of interest.

RENO QRP SLOW SPEED CW NET

NEXT NET SESSIONS WILL BE at 10 AM, June 8 and June 22 Pacific Daylight Time. Check with WD7Y@sbcglobal.net to confirm times. Target frequency 7.045 MHz, if busy search somewhere near that frequency.

THE FOLLOWING SHOULD ALWAYS BE IN YOUR REPORT:

NAME ,RST, LOCATION, RIG, POWER, ANTENNA.
REMEMBER TO INCLUDE RST IN YOUR REPORT

Feel free to add something else in your exchange.

Take some time to report RST for other OP's or anything else that comes to mind.

Sharing information about you and your equipment will accomplish two things.

First It gives you and everybody else practice sending and copying.
Second It is nice to spend time on the air with your friends. Consider this a QRP meeting on the air.

Relax and have some airtime fun with your friends.

73/72 Ed/WD7Y

NAME THAT RIG (from page 9)

The **E F Johnson Company**, established in 1923, was one of the most famous Amateur Radio transmitter manufacturers of all time. They made radio parts for many years before attempting to manufacture a complete unit, the **Viking I** transmitter in 1949. The **Viking I** covered 1.8 to 30 Mhz continuously, and featured 115 watts output on CW, and 100 watts on AM. Curiously, the **Viking I** did not have an internal VFO, and one had to get the Viking VFO-122 (or another VFO) for VFO control. The unit featured the unusual output tube 4D32 (also used in some Collins transmitters of the era). The 4D32 was an extremely rugged tube, but was considered "expensive" for its time. It wasn't really. Modulation was provided by a pair of 807 tubes. The **Viking I** featured battleship construction, thorough choking of various input and output lines for RFI suppression, and very conservative operation. It sold initially for \$210 in kit form, or \$260 assembled, from 1949 until 1952. In 1952 it was replaced by the Viking II, which used the new 6146 power tubes, but was essentially the same otherwise except for a more modern cabinet. The Viking II sold from 1952 to 1957.



VFO-122 left
4D32 tube
right



SNARS SILENT KEYS

IN MEMORY OF SNARS MEMBERS WHO HAVE RECENTLY PASSED AWAY.

If you know of a SNARS member or friend of SNARS who has passed away recently, submit it to me WB2AWQ@arrl.net or any Board member for verification and inclusion in this list.

SNARS MEMBERSHIP APPRECIATION PICNIC

May 21, 2023 BARTLEY RANCH

PHOTOS BY EUGENE WEIDENBECK, KB7JZO



SNARS HAMSWAP MAY 13, 2023

COULDN'T HAVE PICKED A BETTER DAY! LOTS OF VENDORS AND BUYERS, WX PERFECTIMUNDO!
PHOTOS COURTESY OF DON SHERMAN W7SSB



SNARS Pavilion



Chameleon Pavilion, featuring a CHA TDL Delta Loop with the Mini Base Unit, on a HD 15 foot CHA PORTA MAST with drive-over mount



Don Sherman

W7SSB

(775) 742-5165 donssherman@gmail.com



SNARS MEMBERS AT WORK

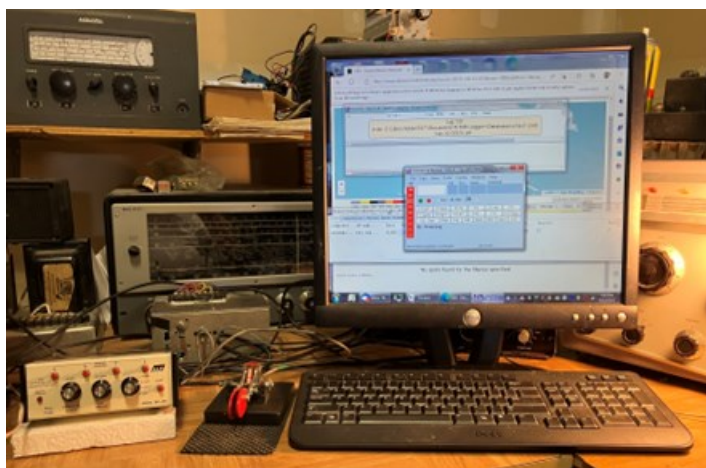
7QP, MAY 6, 2023



KH2TJ Todd (foreground) and K7TDM Tyler were the main operators at W7RN in the 7QP. Tyler is the new superstar in SSB contesting. They made 2,100 QSO's and had worked all States in 10 hours.

Tom Taormina, K5RC
775-847-7929

Comstock Memorial Station, W7RN
www.w7rn.com



W1AW/7



W1AW/7 operation doesn't take much—WB2AWQ did it with an old Dell computer with Windows 7, a very old MFJ-482 keyer, Brown Bros paddle, a 37 year-old Kenwood TS-440SAT, and a true EFHW at 14 ft. I much prefer a bug but the W1AW/7 operations demanded the paddle. The computer was used strictly for logging with N1MM, and DOES NOT stay in my shack. I used the same setup for the 2023 7QP less the computer.

CABELA'S COMMUNITY APPRECIATION DAY



SNARS members taking down the pavilion at Cabela's Community Appreciation Day. L-R: Eugene KB7JZO, Brian (head only) KJ6EAC, Wes KG7QXE, Alain KJ7OFT



L—R: SNARS VP Brian Verhalen KJ6EAC, Kirk KB7QOD, Chuck Farnham WD6CHC, Kim Farnham KG7TMA, and Don Sherman W7SSB at the SNARS pavilion at Cabela's Community Appreciation Day.



Left, Ray Maxwell W7TAP, and right SNARS VP Brian Verhalen KJ6EAC, at Cabela's Community Appreciation Day.

W7DLZ, Derek Lentz, made "Mountain Goat" in the SOTA program as the 3rd Nevadan to do so....
Check out details: <https://www.sota.org.uk/Joining-In/Introduction-to-Activating> Reported by W6US
SOTA Mountain Goat Award →



4X4 OFFROAD AND RECOVERY SHOW N SHINE CARSON CITY



Left to right:
Gary W7BYR,
Gary WJ9T,
Rita WL7CQW,
Barry K6ST,
Wes KG7QXE,
Doug W7DBE

Barry K6ST operating
7QP on 20M with SNARS
Callsign W7TA along with
his mascot dog Ellie



LIFE IN THE PHILIPPINES By Jon Fox KF7KTC

Island Life - Part One

It has been more than 6 months since I returned to my island home in Jaen, Philippines. The last I saw many of you was during the June 2022 Field Day at Washoe Park. A couple of times afterward I logged into the monthly S.N.A.R.S. meeting online, but I think there was still no in-person location to meet at that point.

I flew to Singapore from Los Angeles, a 17 hour flight, and spent the next 24 hours waiting for my flight to Manila. My first time in Singapore, and I must say it is a really nice place, even if it is one of the more expensive places to stay in Southeast Asia. I saw some attractions, but the most amazing of all was actually the giant airport complex itself, which is the size of a small city. It is even due to more than double in size in the next few years. One amazing thing at the airport was the tropical forest under a huge dome.



Indoor Rain Forest

I flew into Manila the next day, and was greeted by my wife, youngest son, sister-in-law and family friend kuya (brother) Ochog, who was our driver. We made our way out of the National Capital Region, and about 3 1/2 hours arrived at the farm in Jaen, a distance of about 100km. I was warmly greeted by remaining family, and I began the process of settling back into the flow of island life. Later, the first occasion we had where family from all over the island came to visit, was my youngest son's 3rd birthday celebration. We even had "lechon" (whole spit-roasted pig) for the occasion. Jon James Ponciano Cudia Fox is the youngest child in the family of his generation, so the celebration is special.



"Lechon," or whole Spit-roasted Pig

In September, 2022, we noticed that our well for domestic water use was having problems pumping water. Examination showed that it was "sanding in" and was even lifting small stones into the pump. The well was just over 3 years old, but we needed a new one. We chose a location about 12m away from the original well, and had a new well drilled 30m deep. At that depth, we reached a pristine aquifer, as we now had the deepest well in all of Jaen.



**Drilling
a New
Domestic
Well**

We installed a 2hp submersible pump, rather than use a centrifugal pump as is most common here. That has completely eliminated our domestic water issues.



**Submersible
Pump Choice**

That is all for now. Look for more "Island Life" in future issues of the Static. You can reach me at:

KF7KTC@NEVADALINK.COM, or even write to me at:
Jon M. Fox, C/O Cudia-Fox Farm, Purok 6, Barangay Sapang, Jaen
3109, Nueva Ecija, Luzon, Philippines

73, Jon - KF7KTC



Board of Directors Meeting Minutes

May 10, 2023- Approx 6:00PM

Chin Chin, Sparks & Via Zoom

1. Call to order and roll call at 6:02 PM

Board of Directors:

Barry Bettman, K6ST
Anthony Marcin, W7XM
Brian Verhalen, KJ6EAC

John Byerly, N7ROJ
Krystal Nelson, AJ6GC

Doug Edmondo, W7DBE
Jim Shepherd, W6US

Guest(s) In attendance:

Wes Vick, KG7QXE, Bob Nelson KA6NSN

2. Approval of Minutes - Discussion/Action

Approve April 2023 Meeting Minutes, Motion by John Byerly, Second by Brian Verhalen, Motion Approved

3. Approval of Agenda - Discussion/Action

Approve Agenda, Motion by Doug Edmondo, Second by Jim Shepherd, Motion Approved

4. Reports

A. President's Report

1. Discussed activities the past couple of weeks, Howie is sending out the Swap Email for May 13th.
2. Appreciation Picnic details discussed.
3. Discussed the In person Meeting set to be held at Jacks #2 for June Meeting. 50 People capacity, may order off the menu, and will have a sign up sheet. Meeting reservation will be from 7 - 9:30am, and will need to leave by 9:30.
4. Discussed other possible meeting venues, one in particular off Rob Drive area for a future meeting.

B. Secretary Report

1. 408 Members as of May 10, 2023.
2. SOS Filings Completed for the year.
3. Barry would like to review the membership stats in a future meeting.

C. Treasurer

1. Discussed Financials, noted the Monthly income was down due to the raffle items and t-shirts purchases.
2. Discussed the possible purchase of one or two repeaters this year. No Action.

D. Technical Team

Donation letter sent to the person who donated the APC for the Peavine Site. John Reses, KD7QYB.

E. Control Operators / Trustee

No Report

F. Events

1. Barry Discussed upcoming events. Swap, Member Appreciation, June 3rd Meeting, June 17th Kids day, Field Day (more in field day section)
2. Jim Discussed 7QP Event, propagation not the greatest, but good attendance, event.
3. Jim discussed the W1AW went well, 1700 contacts and 17 operators, will be held again in Sept.

G. Education & Youth Activities

Discussed an idea working with the scout possibly during field day.

H. SNARS Noon Net and SNARS Digital Net

1. Wes discussed the new team and going well.
2. Peavine DMR back online as noted by Barry.

5. Old Business

A. Member Appreciation Picnic

Meeting on May 11 working on details for the event. Verify the time the space will be available with the county.

B. Field Day 2023

1. John discussed the planning, implementing a system to help with interference, a band coach will be designated to help coordinate operations. Planning antenna locations. Planning meeting for those operating and map the antenna locations. Planning the generators as well. Lunch will be the big meal this year. Looking for a Safety person.
2. Barry discussed the scouts/youth to attend and work on activities for them.
3. Not charging this year for food but will need to sign up, the form is online on the field day website.

6. New Business

Ham Swap

Wes will be out there at 6:30am to set up. Discussed the logistics for the coffee and donuts and other items related to the event. Howie sent out a Ham Swap email on Tuesday and will send another one on Friday.

7. Board member and Public Comments

During this time members and board of directors may speak on any topic regardless if the item was agendaized.

8. Adjournment - Action

- A. Next Meeting:** June 14th, 2023 at 6:00PM, Location to be Announced
- B. Call For Adjournment.** 6:39PM Adjourned.